(12) UK Patent Application (19) GB (17) 2 243 381 (18) A

(43) Date of A publication 30.10.1991

- (21) Application No 9108244.6
- (22) Date of filing 17.04.1991
- (30) Priority data (31) 513922
- (33) US (32) 24.04.1990
- (51) INT CL* E04B 1/68
 - (52) UK CL (Edition K) E1D DF112 DLEKM2 DLEQW2 D193 D2141 D401 D402 D421 D501

GB 1347401 A

US 4769963 A

GR 1977965 A

(56) Documents cited GB 2142670 A

WO 86/05224 A

DLEQWNV DLEQWSV

INT CL^s E04B

(58) Field of search
UK CL (Edition K) E1D DF112 DLEKMOV DLEKMDV
DLEKMOV DLEWOV DLEQWOV DLEQWDV

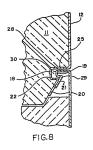
(71) Applicant Structural Panels INC

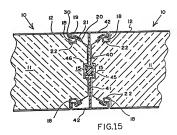
(Incorporated in the USA - Ftorida)

350 Burbank, Oldmar, Florida, United States of America

- (72) Inventor Stephen C Meyerson
- (74) Agent and/or Address for Service Raworth Moss and Cook 36 Sydenham Road, Croydon, Surrey, CR0 2EF, United Kingdom
- (54) Building panel joint

(57) A joint comprises, a ramp 20, pocket 18, which may contain a sealant (34, figures 9 and 10 not shown), an interlocking wedge element 19 and a centering stabilizer 21. In use two insulated panels 11 are locked together by a snap fit causing the wedge 19 to yieldably move over the ramp 20 into the pocket 18 causing the sealant (34), positioned in pocket 18, to extrude forming a gasket between the pocket walls 25 and the wedge 19. The wedge 19 may be formed on one edge of a panel, figure 8, or alternatively may be formed on both sides of an 'l' beam 42 interposed between two panels, figure 15.





GB 2 243 381 A